Sustainability Data Sheet

Eppendorf SpinPro® 6 R centrifuge

Materials product		
Total weight		102.1 kg
thereof	Steel	69.1 kg
	Aluminum	n.a.
	Copper	5.6 kg
	Metal	n.a.
	Electronics	1.8 kg
	Plastic	6.3 kg
	Glass	n.a.
	Cooling liquids	0.26 kg CO_2 (R744)
	Others	18.2 kg
Recycling content		n.a.
Regional sourcing (750 km/500 mi)		ca. 87%
Substances of concern in product		None

Carbon footprint	
GWP Cooling liquids	260
Calculation based on	–
Cradle-to-Gate (Sales unit)	–
Cradle-to-Grave (Sales unit)	–
External validation	–

Production	
Location of factory	Germany
Certifications factory	ISO 14001 ISO 9001
Certification of product	CE RoHS ACT® 2.0*
Power supply of facility	External power contract with 100% renewable electricity
Water risk at factory (Aqueduct Water Risk Atlas; water stress 2030; business as usual)	High (40-80%)
Water usage in production	Low-to-zero

Materials packaging				
Total weight			31.6 kg	
Regional sourcing (750 km/500 mi)			99%	
			Weight	Recycling content
thereof	Cardboard	20/ PAP	8.28 kg	66%
	Plastic foam	PE-foam	1.14 kg	80%
	Plastic bags	04/ PE-LD	0.14 kg	n.a.
	Plastic	PP	-	-
	Wood		22	-
	Metal	40/FE	-	-
	Others		-	-

Power consumption during usage*	
Pre-cooling (Swing-out Rotor S-2xUniversal)	448 Wh
Run (20 min; 3,000 x g; 4°C)	264 Wh
Run (60 min; 3,000 x g; 4°C)	758 Wh

Noise level	
Run	< 70 dB(A)

Service + Disposal	
Spare part availability (aim)	7 years
Recycling after decontamination	Yes
Possible recycling rate (at least)	74.7 kg (74%)

*ACT 2.0 in preparation

**Depends on type of rotor and usage pattern

Technical specifications subject to change

Your local distributor: https://www.eppendorf.com/contact
Eppendorf SE · 22331 Hamburg · Germany
E-mail: eppendorf@eppendorf.com

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